



Geel 2000 Language Schools

Math Department

First Term

Primary 5

2025/2026

Unit 1

Lesson 1 : Decimal to the thousandths place

Ex1 : Write each of the following in decimal form :

- 1) 97 hundredths
- 2) 13 thousandths
- 3) 94 and 43 hundredths
- 4) 1 and 5 thousandths
- 5) 4 and 80 thousandths

Ex2 : write each of the following in word form :

- 1) 57.123
- 2) 8.008
- 3) 188.133
- 4) 89.706
- 5) 5.105

Ex3 : complete :

- 1) in 987.075 the digit 5 is in the place, its value is.....
- 2) in 1,897.743 the digit 4 is in the Place, its value is
- 3) in 734.208 the digit 0 is the place, its value is
- 4) in 452.019 the digit 4 in the place, its value is
- 5) in 4.206 the digit 2 in the place, its value is

Lesson 2 : place value shuffle

Ex1 : Use the place value chart to solve the following

Ex1 : $12.5 \times 100 = \dots\dots\dots$

Thousands	Ones			.	Decimals	
O	H	T	O	.	tenths	Hundredths
				.		
				.		

-The value of whole number..... (increased/decreased)
when multiplying by 100

Ex2 : $17.5 \div 10 = \dots\dots\dots$

Thousands	Ones			.	Decimals	
O	H	T	O	.	tenths	Hundredths
				.		
				.		

-The value of whole number..... (increased/decreased)
when dividing by 10

Lesson 3: composing and decomposing decimals.

Ex1 : Record the number in the place value chart to decompose this number :

34.546

Thousands	Ones			.	Decimals		
O	H	T	O	.	tenths	Hundredths	Thousands
				.			

.....
.....

Ex2 : Write each of the following in standard form :

- 1) $7 + 0.3 + 0.04 + 0.009 = \dots\dots\dots$
- 2) $400 + 4 + 0.04 + 0.004 = \dots\dots\dots$
- 3) $5,000 + 40 + 9 + 0.2 + 0.007 = \dots\dots\dots$
- 4) $700 + 0.4 + 0.009 = \dots\dots\dots$
- 5) $70 + 8 + 0.6 + 0.007 = \dots\dots\dots$
- 6) $0.2 + 0.009 + 10 + 400 = \dots\dots\dots$
- 7) $300 + 0.1 + 0.03 + 8 = \dots\dots\dots$
- 8) $70 + 7 + 200 + 0.5 + 0.08 = \dots\dots\dots$

Lesson 4 : Comparing Decimals.

Ex1: compare the numbers using ($>$, $<$ or $=$):

1) $1.002 \dots\dots\dots$

2) $6.308 \dots\dots\dots 6 + 0.3 + 0.008$

3) $9 + 0.008 \dots\dots\dots 9 + 0.1 + 0.001$

4) $54.88 \dots\dots\dots 54$

5) 2 ones, 3 tenths, 4 thousandths $\dots\dots\dots 2.34$

6) $8.004 \dots\dots\dots$ 4 ones, 8 thousandths

Ex2 : Order from least to greatest :

1) 2.836 , 2.648 , 2.692 , 2.868

$\dots\dots\dots$

2) 80.21 , 80.012 , 8.102 , 8.012 , 80.09

$\dots\dots\dots$

3) 67.98 , 67.89 , 670.099 , 76.098 .

$\dots\dots\dots$

4) 4.89 , 48.9 , 40.08 , 40.18 , 40.81

$\dots\dots\dots$

5) 679.147 , 678.147 , 678.174 , 678.109

$\dots\dots\dots$

lesson 5 : Rounding Decimals

Ex1 : write each of the following to the nearest whole number :

- 1) $0.8 \simeq \dots\dots\dots$
- 2) $9.7 \simeq \dots\dots\dots$
- 3) $23.4 \simeq \dots\dots\dots$
- 4) $1.25 \simeq \dots\dots\dots$
- 5) $82.71 \simeq \dots\dots\dots$

EX 2 : write each of the following to the nearest tenths:

- 1) $76.176 \simeq \dots\dots\dots$
- 2) $25.74 \simeq \dots\dots\dots$
- 3) $152.19 \simeq \dots\dots\dots$
- 4) $34.820 \simeq \dots\dots\dots$
- 5) $91.99 \simeq \dots\dots\dots$

EX 3 : write each of the following to the nearest thousands:

- 1) $3.0708 \simeq \dots\dots\dots$
- 2) $0.0764 \simeq \dots\dots\dots$
- 3) $99.9996 \simeq \dots\dots\dots$
- 4) $0.0004 \simeq \dots\dots\dots$
- 5) $8.0098 \simeq \dots\dots\dots$

Lesson 6 : Estimating decimal sums

Ex1:solve all the following and estimate to nearest whole :

1) $4.632 + 8.071 = \dots\dots\dots$

Estimate $\dots\dots\dots$

2) $3.51 + 1.13 = \dots\dots\dots$

Estimate $\dots\dots\dots$

3) $12.67 + 3.16 = \dots\dots\dots$

Estimate $\dots\dots\dots$

4) $1.291 + 9.124 = \dots\dots\dots$

Estimate $\dots\dots\dots$

5) $5.87 + 8.13 = \dots\dots\dots$

Estimate $\dots\dots\dots$

Ex2: Sayed wanted to ride his bike 60 km this week ,by Thursday he had ridden 51.99 km ,on Friday he rode 8.01 km . estimate to see if he has did his goal ?

Lesson 7 :Adding decimals .

Ex1: find the sum :

1) $0.14 + 0.24 = \dots\dots\dots$

2) $0.37 + 0.12 = \dots\dots\dots$

3) $0.94 + 0.31 = \dots\dots\dots$

4) $0.06 + 0.06 = \dots\dots\dots$

5) $0.54 + 0.61 = \dots\dots\dots$

6) $0.73 + 0.16 = \dots\dots\dots$

7) $0.17 + 0.12 = \dots\dots\dots$

8) $0.82 + 0.13 = \dots\dots\dots$

9) $1.74 + 0.23 = \dots\dots\dots$

lesson 8 : subtracting decimals:

Ex1: Solve each of the following :

1) $0.98 - 0.87 = \dots\dots\dots$

2) $8.16 - 0.04 = \dots\dots\dots$

3) $0.76 - 0.58 = \dots\dots\dots$

4) $4.79 - 2.39 = \dots\dots\dots$

5) $9.129 - 3.111 = \dots\dots\dots$

6) $6.852 - 0.191 = \dots\dots\dots$

7) $7.6 - 2.2 = \dots\dots\dots$

8) $87.29 - 5.06 = \dots\dots\dots$

9) $76.88 - 8.16 = \dots\dots\dots$

10) $82.87 - 9.54 = \dots\dots\dots$

Lesson 9 : Estimating decimal differences:

Ex1:solve all the following and estimate to nearest whole:

1) $8.76 - 2.16 = \dots\dots\dots$

Estimate $\dots\dots\dots$

2) $3.61 - 1.13 = \dots\dots\dots$

Estimate $\dots\dots\dots$

3) $12.67 - 3.33 = \dots\dots\dots$

Estimate $\dots\dots\dots$

4) $15.14 - 9.12 = \dots\dots\dots$

Estimate $\dots\dots\dots$

5) $9.87 - 8.13 = \dots\dots\dots$

Estimate $\dots\dots\dots$

6) $52.61 - 13.12 = \dots\dots\dots$

Estimate $\dots\dots\dots$

7) $83.77 - 8.63 = \dots\dots\dots$

Estimate $\dots\dots\dots$

Lesson 10 : subtracting to the thousandths place

Ex1: Evaluate each difference and identify each digits place value :

1) $25 \text{ thousandths} - 14 \text{ thousandths} = \dots \text{thousandths}$

Place valuehundredths.....thousandths

2) $58 \text{ thousandths} - 8 \text{ thousandths} = \dots \text{thousandths}$

Place valuehundredths.....thousandths

3) $95 \text{ thousandths} - 54 \text{ thousandths} = \dots \text{thousandths}$

Place valuehundredths.....thousandths

4) $67 \text{ thousandths} - 43 \text{ thousandths} = \dots \text{thousandths}$

Place valuehundredths.....thousandths

5) $96 \text{ thousandths} - 49 \text{ thousandths} = \dots \text{thousandths}$

Place valuehundredths.....thousandths

Lesson 11: decimals story problems:

Ex1 : the width of tahya masr bridge ,which connects northern and eastern cairo to western cairo across the nile river is 67.3 m and jiaxing-shaoxing sea bridge in japan is less in width than the tahya masr bridge by 11.7 m . how wide is jiaxing-shaoxing sea bridge ?

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Ex2 : Amr and his father went fishing .each of them caught againt fish , the mass of the first fish was 53.25 kg ,and the mass of the other fish reached 48.8 kg what is the mass of the two fish together ?

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.....

.....

.....

Unit 2

Lesson 1: Expression, Eqautions and Variables:

- Remember:-

- **Variable:** It's a letter or symbol that represents the value in an equation.

For ex: X, Y, Z

- **Expression:** It's a set of a fixed number and variables that line up next to each other.

For ex: $X+5, 3xy$

- **Eqaution:** It's mathematical sentence that includes an equal relationship between two mathematical expression.

For ex: $5+X=9, Y= 5x3$

Practice:

**Ex1:Select any of the following sentences is
“Equation”, “Mathematical Expression” or
“other”:**

1- $3.8+4.7=M$ (.....)

2- $4.7 + 8.9$ (.....)

3- $3.6 + N$ (.....)

4- $3.5 + 2.4 = 2.5 + 3.4$ (.....)

5- Amir had 3.5kg of apples.(.....)

6- $7 + y$ (.....)

Ex2: Read the following story problems. Make an equation for each problem:

- 1- Ahmed had 25.15 pounds, and he bought a toy for 14.5 pounds.

How many pounds does Ahmed have left?

.....

- 2- A farm had 4,200 chickens. 3,350 chickens were sold in a week.

How many chickens are left on the farm?

.....

- 3- If you know that the sum of the height of two trees together is 46 meters and the height of one of them is 18.25 meters, find the unknown height.

.....

Lesson 2: Variables in Equations

Ex: Find the value of the variable:

1- $3x + 5 = 20$ $x = \dots\dots\dots$

2- $2a - 7 = 13$ $a = \dots\dots\dots$

3- $4x + 1 = 17$ $x = \dots\dots\dots$

4- $5y - 3 = 12$ $y = \dots\dots\dots$

5- $2n + 8 = 20$ $n = \dots\dots\dots$

Lesson 3: Telling stories with numbers

- (1) If the sum of what Hamza and Ziad is 361.05 pounds, and Ziad has only 159.85 pounds, then how many Hamza has?

.....
.....

- (2) Write a story problem representing each equation, and then solve it:

a) $Z + 4.04 = 8.3$

.....
.....
.....
.....

b) $P - 7.825 = 5.66$

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c) $9.53 + c = 12.53$

..

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.....

.....

Lesson 4 (Prime factorization)

1) Find the factors and determine prime or not prime

$$21 = \dots \times \dots$$

$$= \dots \times \dots$$

Factors are

21 is

$$7 = \dots \times \dots$$

Factors are

7 is.....

$$10 = \dots \times \dots$$

$$= \dots \times \dots$$

Factors are

10 is

12

$$12 = \dots \times \dots$$

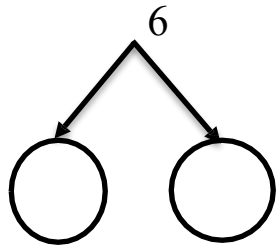
$$= \dots \times \dots$$

$$= \dots \times \dots$$

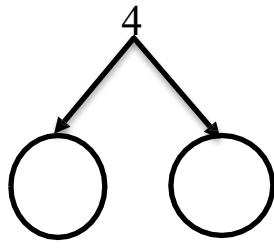
Factors are

12 is

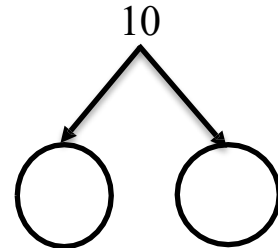
4)Factorize to prime factors using factor tree :



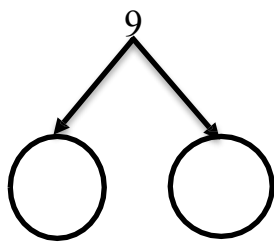
$$6 = \dots \times \dots$$



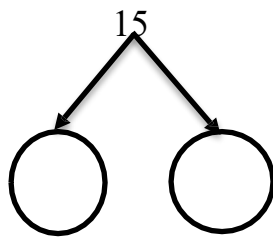
$$4 = \dots \times \dots$$



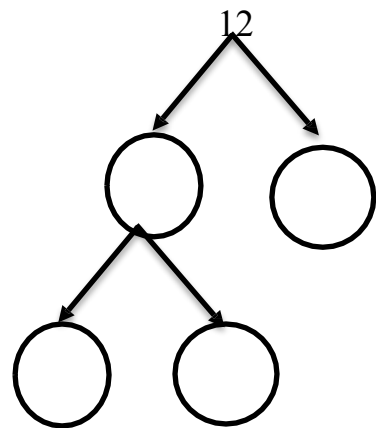
$$10 = \dots \times \dots$$



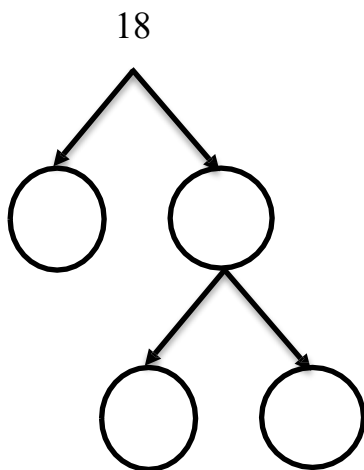
$$9 = \dots \times \dots$$



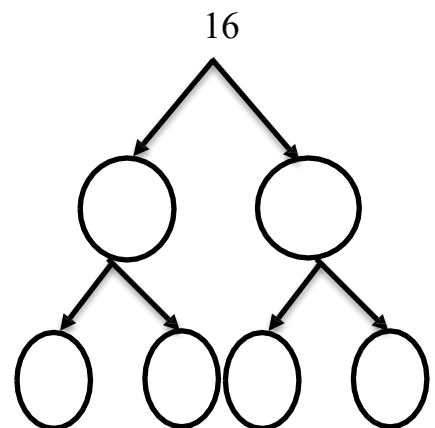
$$15 = \dots \times \dots$$



$$12 = \dots \times \dots \times \dots$$



$$18 = \dots \times \dots \times \dots$$



$$16 = \dots \times \dots \times \dots \times \dots$$

Lesson 5 (Greatest common Factors)

1) Find the GCF for each of the following :

a) 28 and 42

28 =

42 =

GCF =

b) 16 and 32

16 =

32 =

GCF =

c) 18 and 27

18 =

27 =

GCF =

d) 12 and 20

12 =

20 =

GCF =

e) 30 and 45

30 =

45 =

GCF =

f) 48 and 24

48 =

72 =

GCF =

Lesson 6 (identifying multiples)

1)complete :

a) List the first five multiple of 7

.....

b) List the first six multiple of 5

.....

c) List the first ten multiple of 3

.....

d) List the first eight multiple of 10

.....

e) List the first twelve multiple of 4

.....

f) List the first nine multiple of 6

.....

2)Underline multiples of 2 :

17 , 5 , 26 , 4 , 13 , 2 , 20

3)Underline multiples of 2 :

4 , 15 , 21 , 3 , 10 , 12 , 22

4)Underline multiples of 5 :

20 , 8 , 5 , 51 , 40 , 15 , 23

Lesson 7 (Least Common Multiple)

1) Find the LCM of the following :

a) 6 and 9

6 =

9 =

LCM =

b) 12 and 9

12 =

9 =

LCM =

c) 10 and 15

10 =

15 =

LCM =

d) 4 and 8

4 =

8 =

LCM =

Lesson 8 (Factors or Multiple)

1)Find GCF and LCM :

a) 12 and 9

12 =

9 =

GCF =

LCM =

b) 8 and 4

8 =

4 =

GCF =

LCM =

Choose :

1)The smallest prime number is

a) 1

b) 2

c) 3

d) 5

2) The common factor for all numbers is

a) 1

b) 2

c) 3

d) 5

3) The numbers 3 and 5 factors of

a) 10

b) 12

c) 15

d) 20

4) The G.C.F of (8 , 4)

a) 2

b) 4

c) 5

d) 8

Unit 3

Lesson 1 (using the area model to multiply)

Ex1 : solve the following using area model :

1) $321 \times 21 = \dots\dots\dots$



2) $615 \times 43 = \dots\dots\dots$



3) $207 \times 13 = \dots\dots\dots$



4) $310 \times 66 = \dots\dots\dots$



Lesson 2 :(what is the algorithm)

Ex1 : solve the following :

1) 78

 × 23

.....

.....

.....

2) 86

 × 17

.....

.....

.....

lesson 3 (multiplying multi-digit numbers)

Ex1 : solve the following :

1) 2378

 × 21

.....

.....

.....

2) 8601

 × 27

.....

.....

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Lesson4 (multiplication problems in the real numbers)

Ex1 : Amr ate 2 pieces of pizza each day ,the price of each piece is 7 L.E . how much money will he pay after 120 days ?

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Ex2 : Adel sells 12 pies each day ,she sells each pie for 5 L.E . how much money she will gain after 150 days ?

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Unit 4

Lesson 1 :

Dividing by 2 digit number .

Using the area model to divide :

1) $2,613 \div 12 = \dots\dots\dots$

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2) $2,501 \div 28 = \dots\dots\dots$

--	--	--

3) $6,813 \div 12 = \dots\dots\dots$

--	--	--

4) $7,236 \div 35 = \dots\dots\dots$

--	--	--

Lesson 2

Estimating Quotients

Estimate the solution of each problem and use the appropriate strategy to solve:

1) $302 \div 14 = \dots\dots\dots$

Estimation: $\dots\dots\dots$

Solution: $\dots\dots\dots$

2) $7550 \div 36 = \dots\dots\dots$

Estimation: $\dots\dots\dots$

Solution: $\dots\dots\dots$

3) $5814 \div 47 = \dots\dots\dots$

Estimation: $\dots\dots\dots$

Solution: $\dots\dots\dots$

4) $6397 \div 28 = \dots\dots\dots$

Estimation: $\dots\dots\dots$

Solution: $\dots\dots\dots$

Lesson 3

Using the Standard Algorithm to Divide

$65 \div 15 =$	$97 \div 44 =$
$456 \div 63 =$	$837 \div 56 =$
$8,457 \div 32 =$	$9,807 \div 13 =$

Lesson 4

Division with multiplication

Solve the problem then check it with multiplication:

1) $5325 \div 25 = \dots\dots\dots$

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2) $4316 \div 42 = \dots\dots\dots$

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3) $5850 \div 26 = \dots\dots\dots$

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4) $3594 \div 19 = \dots\dots\dots$

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Lesson 5

Multistep story problems

solve :

1) A baker made 480 serving of basbosa for a party . if each baking tray holds 14 servings of basbosa , how many trays will be needed to hold all the basbosa ?

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2) Mom baked abatch of 215 balah el sham . two balah el sham fell on the floor leaving 10 on the platter , if 13 kids split

The remaining balah el sham equally , how many balah el sham will each child get ?

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3) there were 29 girls and 47 boys in a class . the teacher asked them to work in groups of 12. How many groups were there ?

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Unit 5

multiplication and division with decimals

Concept 1 : multiplying decimals

Lesson 1 : multiplying by power of ten

Complete

- 1) $3 \times 0.3 = \dots\dots\dots$
- 2) $4 \times 0.002 = \dots\dots\dots$
- 3) $12 \times 0.1 = \dots\dots\dots$
- 4) $9 \times 0.01 = \dots\dots\dots$
- 5) $42 \times 0.01 = \dots\dots\dots$
- 6) $54 \times 0.001 = \dots\dots\dots$
- 7) $15 \times 0.1 = \dots\dots\dots$
- 8) $16.3 \times 10 = \dots\dots\dots$
- 9) $17.2 \times 100 = \dots\dots\dots$
- 10) $47.5 \times 10 = \dots\dots\dots$
- 11) $3.245 \times 100 = \dots\dots\dots$
- 12) $125.1 \times 0.01 = \dots\dots\dots$
- 13) $205 \times 0.01 = \dots\dots\dots$

X	8	80	800
0.001			
0.01			
0.1			
1			
10			
100			

Lesson 2 : multiplying decimals by whole numbers.

Complete:

1) $2.4 \times 5 = \dots\dots\dots$

2) $0.32 \times 4 = \dots\dots\dots$

3) $4.02 \times 6 = \dots\dots\dots$

4) $3.16 \times 4 = \dots\dots\dots$

5) $2.35 \times 3 = \dots\dots\dots$

6) $0.234 \times 7 = \dots\dots\dots$

7) $2.56 \times 23 = \dots\dots\dots$

8) $1.7 \times 43 = \dots\dots\dots$

9) $1.37 \times 4.5 = \dots\dots\dots$

10) $3.51 \times 21 = \dots\dots\dots$

Lesson 3 : multiplying tenths by tenths

Complete:

1) $0.2 \times 0.2 = \dots\dots\dots$

2) $0.3 \times 0.3 = \dots\dots\dots$

3) $0.2 \times 0.4 = \dots\dots\dots$

4) $0.5 \times 0.5 = \dots\dots\dots$

5) $0.6 \times 0.7 = \dots\dots\dots$

6) $1.2 \times 0.3 = \dots\dots\dots$

7) $1.3 \times 0.4 = \dots\dots\dots$

8) $1.2 \times 0.5 = \dots\dots\dots$

9) $4.2 \times 0.7 = \dots\dots\dots$

10) $3.5 \times 0.2 = \dots\dots\dots$

Lesson 4: Using the area model to multiply decimal.

Complete

1) $70 \times 2 = \dots\dots\dots$	2) $90 \times 2 = \dots\dots\dots$
$7 \times 20 = \dots\dots\dots$	$9 \times 20 = \dots\dots\dots$
$7 \times 2 = \dots\dots\dots$	$9 \times 2 = \dots\dots\dots$
$0.7 \times 2 = \dots\dots\dots$	$0.9 \times 2 = \dots\dots\dots$
$7 \times 0.2 = \dots\dots\dots$	$9 \times 0.2 = \dots\dots\dots$
$0.7 \times 0.2 = \dots\dots\dots$	$0.9 \times 0.2 = \dots\dots\dots$
$0.07 \times 0.2 = \dots\dots\dots$	$0.09 \times 0.02 = \dots\dots\dots$
$0.7 \times 0.02 = \dots\dots\dots$	$0.9 \times 0.02 = \dots\dots\dots$
$0.07 \times 0.02 = \dots\dots\dots$	$0.09 \times 0.02 = \dots\dots\dots$

Decimal area model

1) $1.2 \times 2.4 = \dots\dots\dots$

2) $32.1 \times 0.26 = \dots\dots\dots$

3) $2.3 \times 4.2 = \dots\dots\dots$

4) $8.2 \times 0.16 = \dots\dots\dots$

5) $2.15 \times 0.35 = \dots\dots\dots$

6) $16.3 \times 2.6 = \dots\dots\dots$

Lesson 5 : multiplying decimals through the hundredths place.

Find by using the standard algorithm.

1) 49.35 X 3.4 _____	2) 15.4 X 2.3 _____	3) 2.25 X 2.6 _____
4) 27.34 X 2.5 _____	5) 9.37 X 0.15 _____	6) 7.65 X 24 _____
7) 10.32 X 0.62 _____	8) 25.3 X 7.2 _____	9) 82.5 X 1.5 _____

Lesson 6 : multiplying decimals through the thousandths place.

1) 7.102 X 0.15 _____	2) 6.137 X 2.5 _____	3) 2.421 X 1.5 _____
4) 9.124 X 3.6 _____	5) 7.178 X 20 _____	6) 8.257 X 1.2 _____
7) 2.423 X 2.7 _____	8) 3.271 X 3.1 _____	9) 60.15 X 1.3 _____

Lesson 7 : Decimals and the metric system.

Choose the correct answer

1) 12,430 g = kg

- a) 1.043 b) 102.4 c) 12.34 d) 124.3

2) 5,267 mL = L

- a) 0.527 b) 5.267 c) 52.67 d) 526.7

3) 25 cm = m

- a) 0.25 b) 2.5 c) 0.205 d) 0.025

4) 0.4 m = cm

- a) 400 b) 40 c) 0.04 d) 0.004

5) 17.6 kg = g

- a) 1.76 b) 17600 c) 1760 d) 0.176

6) 72 mm = cm

- a) 7.2 b) 0.72 c) 0.072 d) 720

7) 5.9 L = mL

- a) 5.09 b) 5900 c) 0.59 d) 0.059

Lesson 8 : Measurment , decimals , and power of ten.

Complete

1) $0.004 \text{ kg} = \dots\dots\dots \text{ g}$

$0.004 \times 1000 = \dots\dots\dots$

2) $54 \text{ mm} = \dots\dots\dots \text{ cm}$

$54 \div 10 = \dots\dots\dots$

3) $9 \text{ cm} = \dots\dots\dots \text{ m}$

$9 \times 0.01 = 9 \times \text{---} = \dots\dots\dots$

4) $400 \text{ mL} = \dots\dots\dots \text{ L}$

5) $400 \div \dots\dots\dots = \dots\dots\dots$

6) $900 \text{ m} = \dots\dots\dots \text{ km}$

$900 \div \dots\dots\dots = \dots\dots\dots$

Lesson 9 : solving multistep story problems.

- 1) Ali made a liter of sugar cane juice , he drank 420 mL , his father drank 0.25 L , How much sugar cane juice is remaining ?

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.....
.....
.....

- 2) Nour wants to know how she has grown this year . In January she was 148 cm , by the end of the year she was 1.6 meters tall . How much did Nour grow this year.

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.....
.....

- 3) fatma twin sister Noor also wants to know how much she grew . In January , she was 1.25 meters , at the end of the year , she was 134 centimeters .Who grew more Samar or Noor ?

How much more?

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.....
.....
.....
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Unit (5) concept 2

Lesson (10) Dividing by Powers of Ten.

Ex. Complete :

$$1-600 \div 100 = \dots\dots\dots$$

$$3- 45 \div 10 = \dots\dots\dots$$

$$600 \div 10 = \dots\dots\dots$$

$$4- 5.9 \div 0.1 = \dots\dots\dots$$

$$600 \div 1 = \dots\dots\dots$$

$$5- 5.9 \div 100 = \dots\dots\dots$$

$$600 \div 0.1 = \dots\dots\dots$$

$$6- 6.17 \div 0.01 = \dots\dots\dots$$

$$600 \div 0.01 = \dots\dots\dots$$

$$7- 82 \div 1,000 = \dots\dots\dots$$

$$2-5,400 \div 1,000 = \dots\dots\dots$$

$$8- 14.7 \div 0.01 = \dots\dots\dots$$

$$5,400 \div 100 = \dots\dots\dots$$

$$5,400 \div 10 = \dots\dots\dots$$

$$5,400 \div 1 = \dots\dots\dots$$

$$5,400 \div 0.01 = \dots\dots\dots$$

Lesson (11) Patterns and Relationships in powers

of ten.

Ex. complete

$$1- 810.04 \div 0.001 = \dots\dots\dots 810.04 \times 0.001 = \dots\dots\dots$$

$$2- 810.04 \div 0.01 = \dots\dots\dots 810.04 \times 0.01 = \dots\dots\dots$$

$$3- 810.04 \div 0.1 = \dots\dots\dots 810.04 \times 0.1 = \dots\dots\dots$$

$$4- 810.04 \div 10 = \dots\dots\dots 810.04 \times 10 = \dots\dots\dots$$

$$5- 810.04 \div 100 = \dots\dots\dots 810.04 \times 100 = \dots\dots\dots$$

Ex. Complete

$$1. \quad 14.6 \times \dots\dots = 146$$

$$14.6 \div \dots\dots = 146$$

$$2. \quad 234.23 \times \dots\dots = 2.3423$$

$$234.23 \div \dots\dots = 2.3423$$

$$3. \quad 7.202 \times \dots\dots = 720.2$$

$$7.202 \div \dots\dots = 720.2$$

$$4. \quad 78 \times \dots\dots = 7,800$$

$$78 \div \dots\dots = 7,800$$

$$5. \quad 0.35 \times \dots\dots = 0.035$$

$$0.35 \div \dots\dots = 0.035$$

Ex. Complete

1. $810 \text{ mL} = \dots\dots\dots \text{L}$

$$810 \times \dots\dots = \dots\dots$$

$$810 \div \dots\dots\dots = \dots\dots$$

2. $35 \text{ m} = \dots\dots\dots \text{cm}$

$$35 \times \dots\dots\dots = \dots\dots$$

$$35 \div \dots\dots\dots = \dots\dots$$

3. $500 \text{ g} = \dots\dots\dots \text{Kg}$

$$500 \times \dots\dots\dots = \dots\dots\dots$$

$$500 \div \dots\dots\dots = \dots\dots\dots$$

4. $6,300 \text{ mm} = \dots\dots\dots \text{M}$

$$6,300 \times \dots\dots\dots = \dots\dots\dots$$

$$6,300 \div \dots\dots\dots = \dots\dots\dots$$

Lessons 12 :deviding decimals by whole numbers

Ex1 : solve all the following using standard algorithm
:

$$1) \quad \begin{array}{r} 16 \overline{)62.24} \end{array}$$

$$2) \quad \begin{array}{r} 5 \overline{)51.65} \end{array}$$

$$3) \quad \begin{array}{r} 30 \overline{)589.5} \end{array}$$

Lesson 13 : dividing decimals by decimals

Ex1 : solve all the following using standard algorithm
:

1) $\begin{array}{r} 0.05 \overline{) 44} \end{array}$ estimate :.....
Quotient :.....

2) $\begin{array}{r} 0.05 \overline{) 0.91} \end{array}$ estimate :.....
Quotient :.....

3) $\begin{array}{r} 0.04 \overline{) 0.51} \end{array}$ estimate :
Quotient :

Unit 6

Lesson 1 : numerical expressions :

Ex 1 : complete each of the following :

1) $57.8 - \dots\dots\dots = 32.4$

.....

2) $124.6 + \dots\dots\dots = 235.8$

.....

3) $\dots\dots\dots \div 5.2 = 2.3$

.....

4) $34.2 \times 1.1 = \dots\dots\dots$

.....

5) $13.5 + 2.2 \times 7.1 = \dots\dots\dots$

.....

6) $89.2 - 19.2 \times 2.1 = \dots\dots\dots$

.....

7) $2.1 \times 1.1 + 0.3 = \dots\dots\dots$

.....

8) $3.5 - 2.5 \times 9.4 =$

.....

Lesson 2 : Numerical Expressions with grouping symbols

Ex1 : solve All the following :

1) $56.18 + 43 \times 0.02 + 15 \div 0.1 = \dots\dots\dots$

.....
.....
.....

2) $7 \times (8.1 + 6.4 \div 2) = \dots\dots\dots$

.....
.....
.....

3) $67.13 + (12.02 \div 2 + 20.13 - 9.1) = \dots\dots\dots$

.....
.....
.....

4) $(30 \times 2.5 + 47.18 - 3.12) \div 0.1 = \dots\dots\dots$

.....
.....
.....

Lesson 3 : Writing Expressions to represent scenarios

Ex1 :write expression :

1)Subtract 5.2 from 9.22 then, multiply the result by 2

.....

.....

2)Divide 93 by 0.3 and then add 114.7 after, divide the result by 5

.....

.....

3)Multiply 4.3 by 100 .next , subtract 45.8 .then , add 12.4 last, divide the result by 0.1

.....

.....

4)By the difference between 10 and 9.27 multiply by the sum of 54 and 46 then, divide 1,168 by the result

.....

.....

Lesson4 : identifying numerical patterns

Write the rule of each pattern with avariable ,
then complete the pattern

a) 52,44,36,28,20,.....,.....

Rule :

b) 23, 27 ,, 35 , 39 , ,

Rule :

c) 2,4,8,16,..... , 64 ,

Rule :

D) 17, ,21 , 23, ,.....

Rule :

e) 32 , 16 , 8 ,..... , 2,

Rule :